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9 May 1958

befease Industry Consumption of Copper and Michel

MIP + 1000 / 255-4

25X1X7

have agreed on an estimate of direct military consumption of copper in the first military consumption of copper was about 25X1X7the name in 1997. Our and the base also agreed that direct military consumption of copper was about have also agreed that direct military consumption of copper understates the role of copper in the Bloc's military programs; e.g., large quantities of copper are used for communications facilities.

- 25X1X7

 2. One and specific agree that if the Bloc were to mobilize, total military requirements would be 355,000 tone or some 70 percent of total indigenous supply. This is so large a proportion of the available supply that it is inconceivable that the whole amount could be diverted from general industrial ness. Some of the military requirements obviously would have to go tarfilled.
- Information on the direct military consumption of mickel in the user is not available. Inserted as mickel enters into consumption principally via the steel industry, its demand is closely related to the production of steel. On the basis of the svallability of mickel in 1956, the Sinctoviet Bloc had only 1.2 pounds of mickel per ton of steel produced. In the Free World, there were 2.0 pounds of mickel per ton of steel produced, and in the U.S. 2.2.pounds per ton.
- 4. Apple-dollar ratios and numerous reports of bloc stimpts to samuele nickel from the Free World suggest that nickel is in tight supply in the USSR. The ruble-deller ratio for steel will products in the USSR is 5 to 1, but the ratio for nickel is 15 to 1. Bickel has been sangeled into the Bloc by manesalment of the shipment upder a non-strategic item (i.e. vegetables) or by concealment in compartments of trucks or automobiles, enony other techniques. The goods were then sangeled across various border points into Switzerland for transshipment to the Bloc via Austria and/or Yesoslavia, or from West Berlin to the Soviet Home of Germany. Other reported diversions in 1956 and 1957 included: (1) a series of 23 known shipments of nickel, comprising 70 tons, shipped to the ferriet Bloc in Preight cars from Sweden via the free port of Basel; (2) a 14-ton shipment from Swelen to Denmark and from there on a Danish railway car by ferry to least Cornery documented for a forwarding fire in Sessi; (3) 5 tons of W.S. origin nickel cathodes diverted through the use of formed Yesoslavian willian end-use certificates. A similar 15-ton shipment of U.S. origin cathodes supported by forgod Yugoslavian official end-use certificates was stopped in the Metherlands.



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9. On the basis of these data, it is executed that the Bloc is short of mickel, and that all consumers including the military are forced to namene with minimum supplies. Buy increases in the swallability of mickel probably would presit greater use of nickel in military cal items.

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Distribution:

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